Exhibit G-1

This claim chart demonstrates NexTraq's infringement of U.S. Patent No. 11,064,038 and provides notice of such infringement, by comparing each element of the asserted claims to corresponding components, aspects, and/or features of the Accused Instrumentalities. These claim charts include information provided by way of example, and not by way of limitation.

"Accused Instrumentalities" as used herein refers to herein provide event-based notifications/alerts based on locations of fleets of vehicles, equipment, objects, drivers, and other assets equipped with sensors or tags (the Assets).

- 1. NexTraq offers the following tracking products and services (the Accused Instrumentalities), including but not limited to NexTraq® Fleet Tracking solution (https://www.nextraq.com/wp-content/uploads/2018/04/NexTraq_New_User_Quick_Start_Guide.pdf), which provides data to NexTraq® Web Services (http://www.discretewireless.com/resources/APIReference.pdf) for use in various platforms and solutions that support:
- (a) NexTraq®'s Fleet Visibility and Productivity products, services and solutions which are used for vehicle tracking (https://www.nextraq.com/services/vehicle-tracking/), asset tracking https://www.nextraq.com/services/asset-tracking/), geo-fencing and mapping (https://www.nextraq.com/services/geofencing-mapping/), real-time alerts (https://www.nextraq.com/services/real-time-alerts/), sensors (https://www.nextraq.com/services/sensors/) and integration with third party platforms, solutions and/or applications (https://www.nextraq.com/services/integration/);
- (b) NexTraq® ViewTM and NexTraq® ConnectTM mobile apps which are used by mobile work force (https://www.nextraq.com/services/mobile-apps/);
- (c) NexTraq® Fleet Defender (https://www.nextraq.com/services/fleet-defender/) and NexTraq® DashcamTM (https://www.nextraq.com/services/dashcam/) which are used for drive safety;
- (d) NexTraq® Driver ID, which is used for Automatic Driver Assignment (https://www.nextraq.com/services/automatic-driver-assignment/)

NexTraq "Mobile Tracking Devices" and/or "Mobile Devices" means:

The Accused Instrumentalities track the Assets, which are attached to or carried by mobile devices, including but not limited to:

- 1-Vehicle Trackers Family of products (e.g., VT-2300, VT-3030, VT-2630, VT-3640)
- 2-Asset Trackers Family of products (e.g., AT-730, AT-5100)

- 3-Trailer Trackers (e.g., TT-2830)
- 4-GPS Tracking Devices (e.g., LMU26H201-NXT01)
- 5-Other GPS and sensor, e.g., temperature sensor, equipped mobile devices.

The analysis set forth below is based only upon information from publicly available resources regarding the Infringing Instrumentalities. An analysis of NexTraq's (or other third parties') technical documentation, and/or software source code, may assist in fully identifying all infringing features and functionality. Accordingly, PerDiemCo reserves the right to supplement this infringement analysis once such information is made available to PerDiemCo. Furthermore, PerDiemCo reserves the right to revise this infringement analysis, as appropriate, upon issuance of a court order construing any terms recited in the asserted claim.

Unless otherwise noted, PerDiemCo alleges that NexTraq directly infringes the '038 patent in violation of 35 U.S.C. § 271(a) by selling, offering to sell, making, using, and/or importing the Infringing Instrumentalities. The following exemplary analysis demonstrates that infringement. Unless otherwise noted, PerDiemCo further contends that the evidence below supports a finding of indirect or contributory infringement under 35 U.S.C. §§ 271(b) and/or (c), in conjunction with other evidence of liability under one or more of those subsections. NexTraq makes, uses, sells, imports, or offers for sale in the United States, or has made, used, sold, imported, or offered for sale in the past, without authority, or induces others to make, use, sell, import, or offer for sale in the past, without authority products, equipment, or services that infringe claims the '038 patent, including without limitation, the Accused Instrumentalities.

Unless otherwise noted, PerDiemCo alleges that each element of each claim asserted herein is literally met through NexTraq's provision of the Accused Instrumentalities. However, to the extent that NexTraq attempts to allege that any asserted claim element is not literally met, PerDiemCo believes and contends that such elements are met under the doctrine of equivalents. More specifically, in its investigation and analysis of the Infringing Instrumentalities, PerDiemCo did not identify any substantial differences between the elements of the patent claim and the corresponding features of the Infringing Instrumentalities, as set forth herein. In each instance, the identified feature of the Infringing Instrumentalities performs at least substantially the same function in substantially the same way to achieve substantially the same result as the corresponding claim element.

To the extent the chart of an asserted claim relies on evidence about certain specifically identified Accused Instrumentalities, PerDiemCo asserts that, on information and belief, any similarly functioning instrumentalities also infringes the charted claim. PerDiemCo reserves the right to amend this infringement analysis based on other products made, used, sold, imported, or offered for sale by NexTraq. PerDiemCo also reserves the right to amend this infringement analysis by citing other claims of the '038 patent, not listed in the claim chart, that are infringed by the Accused

Instrumentalities. PerDiemCo further reserves the right to amend this infringement analysis by adding, subtracting, or otherwise modifying content in the "Accused Instrumentalities" column of each chart.

Claim	US Patent	Description of the Infringement
	11,064,038	
Indep	A notification	NexTraq Fleet Tracking platform is a cloud-based solution for tracking assets using a standard Internet connection. On
	method that uses	information and belief, the Accused Instrumentalities use applications, storage, on-demand services, computer networks,
Cl. 1	locations of	including servers and databases or other resources that are accessed with the Internet connection through on-premise or
	mobile devices	another provider's shared cloud computing framework, including servers and databases administered by third parties.
1-p	carried in	On information and belief, the Accused Instrumentalities use an access identity and management (IAM) services to
	vehicles to	securely control access to S resources used by NexTraq's cloud-based solution. More specifically, the Accused
	convey driving	Instrumentalities use the IAM to control who is authenticated (signed in) and authorized (has permissions) to use the
	event	resources.
	notifications	
	when driving	GPS Satellite NexTraq Servers
	events occur,	
	wherein the	
	notification	
	method is	Wireless Networks
	executed by one	GPS Signal
	or more servers	Internet
	having access to	Service Personnel Supervisors/Managers
	a database (DB),	Service Personnel Supervisors/Managers
	wherein the one	
	or more servers	
	are configured by	FLEET Dispatch ()
	a tracking	NexTraq Platform FLEET Mobile 1)
	application	
	software of a	Figure 1: NexTraq Fleet Tracking Platform Overview

Claim	US Patent	Description of the Infringement
	11,064,038	
	tracking service	(Source: Page No. 9 of http://www.alltrackusa.com/RTH_user_guide.pdf)
	provider, which	
	controls	NexTraq Fleet Tracking Platform
	conveyance of	This chapter introduces the NexTraq Fleet Tracking platform with an overview of its function
	the driving event notifications in a	and requirements. GPS vehicle tracking has developed into an essential tool for managing
	tracking service	fleets. The NexTraq Fleet Tracking platform is a cloud-based solution which provides an efficient and cost-effective method to track your vehicle or fleet using a standard Internet connection.
	used by	Once the NexTraq hardware, known as a mobile unit, is installed in a vehicle, it receives and
1-p	authorized users	sends data wirelessly. Data includes vehicle location and operational status, such as speed or time stopped. The NexTraq Fleet Tracking platform collects data from the mobile units which
(cont.	of a plurality of	you can monitor and report on through the NexTraq web application and an Internet
)	companies	connection. The figure below illustrates the flow of data from locating the vehicle to the map
	having	information in the NexTraq Fleet Tracking platform on your computer screen. (Source: Page No. 9 of http://www.alltrackusa.com/RTH_user_guide.pdf)
	corresponding	(Source: Fuge No. 9 0) <u>mip.//www.anirackusa.com/K111_user_guiae.puj</u>)
	authorized user	What is NexTrag's tech stack?
	accounts	what is nextraq's tech stack?
	accessible based on information	
	stored in the DB,	NexTraq uses these technologies: Microsoft Sharepoint 2013,
	each company	Crazy Egg, Dell PowerEdge T100 Tower Server, Dell PowerEdge
	tracking one or	R805 Rack Server, Dell PowerEdge R715 Rack Server, Amazon
	more groups of	AWS Identity and Access Management (IAM) See More
	vehicles based on	
	mobile device	(Source: Page No. 4 of https://www.infotelligent.com/company/verizon-networkfleet/company/3485751)
	locations, which	On information and belief, the Accused Instrumentalities currently use NexTraq's tracking applications executed by
	are determined based on	servers of a database management system (DBMS) constituting DBMS Applications (DBMSAs), including NexTraq®
	based on information	Fleet Tracking applications (the Accused Applications), which rely on managed database services used in an on-premise
	received from	data warehouse solution.
	wireless location	
	"TICIOSS TOCATION	

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Claim	US Patent	Description of the Infringement
	11,064,038	
	information	On information and belief, NexTraq is re-platforming its Fleet Tracking platform so that the Accused Instrumentalities
	sources (LISs),	would transition to using AWS native services such as AWS Relational Database Service (RDS), a managed database
	the method	service provided by AWS databases (DB) and AWS Redshift, Oracle, MS SQL, etc.
comprising:		

Claim US Patent 11,064,038	Description of the Infringement	
11,004,038	■ NexTraq Atlanta, GA 31150 Bested On April 12, 2022 This Job has been expired. Job Company Rating Review Location News Insight All Jobs Competitors Cloud Data Engineer Atlanta, GA, USA Req #3680 Tuesday, April 12, 2022 Responsibilities: Design and build enterprise data solutions and applications in service of data analyst and data scientist needs for advanced analytics in the cloud Design and build fault tolerant data pipelines from acquisition to consumption using a combination of AWS native services, Python, Java, and existing on-premise acquisition tools (Informatica, MS SQL, etc.) Analyze, re-architect and re-platform on-premise data warehouse solutions to data platforms in AWS. Conduct detail assessments of current state data platforms and create an appropriate transition path to AWS. Qualifications: (5) + years experience building enterprise data management or data warehouse solutions or equivalent (2) + years experience building enterprise data pipelines using AWS native services and/or Python/Java. Experienced Technical Proficiency with the following relational data sources: AWS Redshift, AWS RDS, Oracle, MS SQL, MS Access, MS Excel Experienced Technical Proficiency with the following AWS services: S3, Lambda, Glue, Cloudwatch, Cloudformation, Kinesis, Athena, EMR, IAM, SQS, SNS	

Claim	US Patent 11,064,038	Description of the Infringement					
		(Source: Page No. 1 of https://employzone.com/job-view/us-ga-atlanta/cloud-data- engineer/dayforcehcm/9505416277?ez_source=alert&ez_campaign=daily-alert&ez_medium=azcs)					
		The mobile tracking devices/mobile devices are associated with vehicles identified by OID i.e., VIN.					
		Mobile Objects/Assets/Vehicles identified by OIDs					
		Edit Mobile					
		Name: Truck 1 Hardware ID: A1000013C5D1E4					
		Map Color: Blue-Violet This will be the text color of the mobile label. VIN: 95485XD54WS358F7					
		License Plate: NexTraq1 Fuel Card Number: 9561 (4 digit card #)					
		Icon: Edit					
		(Source: Page No. 3 of https://www.nextraq.com/wp-content/uploads/2018/04/NexTraq_New_User_Quick_Start_Guide.pdf)					
		The Accused Instrumentalities track locations of mobile devices carried in vehicles using wireless GPS location information sources. The mobile devices are identified by Hardware IDs.					
		Mobile Devices identified by Device IDs (DIDs)					
		In NexTraq, tracking devices are referred to as mobiles. Upon first login, mobiles will be named by their hardware ID number, making it difficult to differentiate which device was installed in each vehicle.					

Claim	US Patent 11,064,038	Description of the Infringement											
		(Source	e: Pag	ge No. 2 of <u>I</u>	https://ww	w.nextraq	.com/w	<u>p-content</u>	<u>//uploads/2</u>	2018/04/	NexTrag_1	New User Q	uick Start Guide.pdf)
		Mobile	e List										
		Eilter	Mobiles	Remove F	ilters								
		Edit <u>Na</u>		Hardware ID 💠	Map Color 💠	Odometer 💠	Туре 💠	Fuel Type 🖨	VIN 💠	License 💠	Driver	Assigned Fleets	
			398X	5333277398	-			Gasoline			Bannon, Jason		
			tingray L1X	1000000911			VT- 2200-1	Gasoline			Glover, Terry		
			uck 1203G	5008781203		34,374 mi	Wahoo2	Gasoline	ABCDEFGHIJK	ABC123	Albertson, Brandon	Trucks	
			uck 1600G	16000000		21,911 mi	Wahoo2	Gasoline			Bell, Alice	Trucks, North Atlanta	
			uck 3560G	5003703560			Wahoo2	Diesel	XXXXX	ZZZZ	Johnson, Alvin		
			uck 5950X	9003576950	_	37,000 mi	Wahoo2	Gasoline			Green, Mary	Trucks, South Atlanta, Training Fleet 1	
			ruck 7830X	9110953180		36,701 mi	Wahoo2	Gasoline			Jeralds, Wilma	Trucks	
		Figure	o 266	6: Mobile	Liet								
				ge No. 182 d		ww alltrac	rkusa c	om/RTH	user ouid	e ndf)			
		(Source	. 1 ug	,6 110. 102 (<i><u> </u></i>	v w.comor coc	<u> </u>	<u> </u>	user_guice	<u>c.pu</u>)			
		The Mo	obile L	.ist includes	the follow	ing inforn	nation	on each n	nobile unit	:			
					lobile nam	_							
					ardware II		:41- 41	.:b:!	: l-l				
					iap color a idometer re		with th	nis mobile	in map lat	peis			
					ype of mol	•	9						
					uel type us			unit					
				• V	IN number	of the ve	hicle						
				• L	icense nun	nber of the	e vehic	ele					
				• N	ame of the	driver							

Claim	US Patent 11,064,038	Description of the Infringement
	11,001,030	(Source: Page No. 182 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		Mobile Devices Equipped with Location Information Sources 1-Vehicle Trackers Family of products (e.g., VT-2300, VT-3030, VT-2630, VT-3640) 2-Asset Trackers Family of products (e.g., AT-730, AT-5100) 3-Trailer Trackers (e.g., TT-2830) 4-GPS Tracking Devices (e.g., LMU26H201-NXT01)
		The following flags are applicable to all mobile units:
		■ G - GPS Lock. The mobile unit has locked on the signal of at least three satellites to calculate a position (latitude and longitude) and to track movement.
		(Source: Page No. 27 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		Fleet tracking technology is based off of three basic systems: Global positioning satellite location services, wireless data transfer and mapping through web applications. A box installed inside a vehicle reads its GPS location, direction of travel and speed. The box then uses a connection with cell towers to relay the GPS information to a data server, where it is translated by software into an interface that can be understood by an end user.
		(Source: Page No. 1 of https://www.nextraq.com/resource/hvac-companies-win-with-gps-fleet-management/)

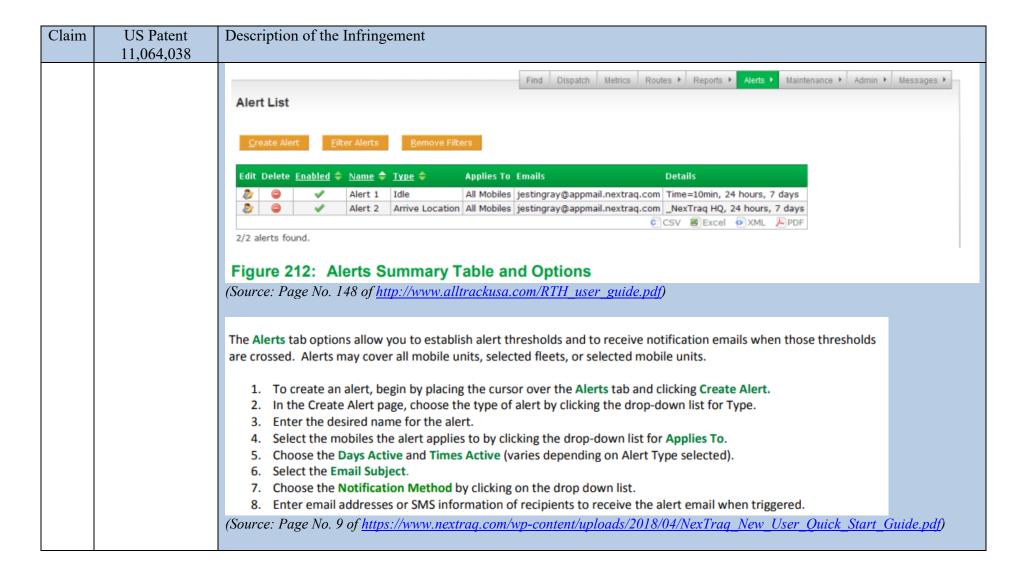
Claim	US Patent 11,064,038	Description of the Infringement
		GPS VEHICLE TRACKERS FOR EVERY PURPOSE
		The NexTraq® Vehicle Tracker VT-3030 A versatile OBD-II telematics device for simplified GPS fleet management.
		The NexTraq® Vehicle Tracker VT-3030 is an easy-to-install, flexible OBD telematics device. It is an ideal solution for the passenger or light-duty vehicle applications where access to the vehicle diagnostics interface (OBD-II) is essential for monitoring vehicle health and driver behavior.
		(Source: Page No. 2 of https://www.nextraq.com/services/vehicle-tracking/)
		THE NEXTRAQ® VEHICLE TRACKER VT-3640
		Robust telematics device built for dynamic flexibility. The NexTraq® Vehicle Tracker VT-3640 is a next generation telematics device that can take sensors, Garmin connections, and be used as a three-wired connector. Equipped with built-in ECU
		(Engine Control Unit) vehicle interface technologies, odometer, and engine diagnostic trouble codes (DTC) for both light and heavy-duty vehicles.

Claim	US Patent 11,064,038	Description of the Infringement
		(Source: Page No. 3 of https://www.nextraq.com/services/vehicle-tracking/)
		THE NEXTRAQ® VEHICLE TRACKER
		VT-2630
		Leading edge fleet tracker for advanced fleet management with extensive capabilities.
		The NexTraq® Vehicle Tracker VT-2630 is a fleet tracking device incorporating a powerful processing engine, LTE Cat 1 connectivity and built-in triple-axis accelerometer. Hidden from your driver's view, it's optimal for measuring driver behavior, vehicle performance and location throughout the day.
		(Source: Page No. 2 of https://www.nextraq.com/services/vehicle-tracking/) Nextrag PN: DW-09-A0006 REV: B
		(Source: Page No. 1 of https://www.ebay.com/itm/272838073110)
	•	11

Claim	US Patent 11,064,038	Description of the Infringement
	11,000,000	Certified for use in the harshest conditions by the U.S. Department of Defense, this intrinsically-safe device features a built-in solar panel to help ensure battery life for up to ten years. NexTraq® Solar Asset Tracker (AT-5200) is a superior choice for use in remote conditions within virtually every industry. (Source: Page No. 1 of https://www.nextraq.com/services/asset-tracking/)
		The NexTraq® Asset Tracker (AT-730) is an LTE-enabled, battery-operated, cellular asset tracker designed for multiyear deployment. Simple to install, this tracking device is perfect for unpowered assets in extreme and rugged environments. (Source: Page No. 2 of https://www.nextraq.com/services/asset-tracking/)

Claim	US Patent 11,064,038	Description of the Infringement
		The NexTraq® SmartOne C Satellite Asset Tracker (AT-5100) is a satellite-managed asset tracker that utilizes comparative GPS positions and sensors to gather and transmit asset status information. (Source: Page No. 2 of https://www.nextraq.com/services/asset-tracking/)
		The NexTraq® Trailer Tracker (TT-2830) is a versatile asset tracker built for flexibility, with extensive monitoring capabilities to meet your needs. With a record of excellent field performance, it's ideal for assets. It is ideal for assets that are tethered but may sit disconnected to power sources for extended periods of time. (Source: Page No. 3 of https://www.nextraq.com/services/asset-tracking/)

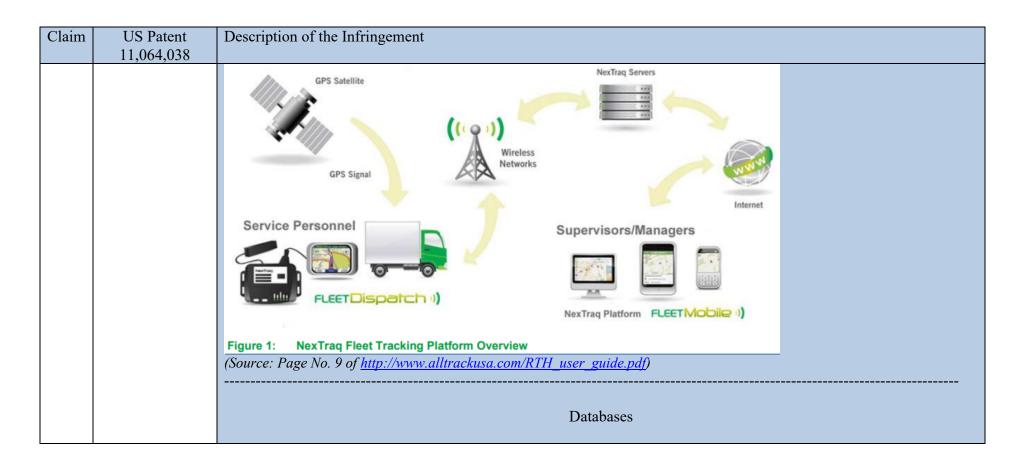
Claim	US Patent 11,064,038	Description of the Infringement
	11,001,030	(Source: Page No. 1 of https://www.ebay.com/itm/174395543130?chn=ps&norover=1&mkevt=1&mkrid=711-213727-13078-0&mkcid=2&itemid=174395543130&targetid=4580359295528874&device=c&mktype=&googleloc=&poi=&campaignid=437225724&mkgroupid=1228154759183859&rlsatarget=pla-4580359295528874&abcld=9300907&merchantid=51291&msclkid=ac556c89a9351a832f4c0fa25eb06e08)
		As provider of the above tracking services, NexTraq controls conveyance of driving event notifications, i.e., alerts. Driving Event Notifications/Alerts
		Alerts Tab
		The Alerts tab options allow you to establish alert thresholds and to send notification emails when those thresholds are crossed. Alerts may cover all mobile units, selected fleets, or selected mobile units. Alerts may be sent to any email-enabled computer or other Internet capable device. The units for the speed alert (miles or kilometers) are defined in User Preferences.
		(Source: Page No. 148 of http://www.alltrackusa.com/RTH_user_guide.pdf)



Create Alert	
General	
Type:	Arrive Location This alert notifies you when the selected mobiles stop within a user defined location.
Name:	Alert 2
	Enabled ☑
Options	
Applies To:	<all mobiles=""></all>
Location:	Select Location
Schedule	
Days Active:	7 days/week V V Su V Mo V Tu V We V Th V Fr V Sa
Times Active:	24 hr/day Times will be interpreted according to your 'Display track times in' user preference.
	Times will be interpreted according to your Example in 1985 Interesting.
Notification	
Email Subject:	Alert Name - Mobile Name
Notification Method:	E-Mail (PlainText)
Email Recipients:	Type to search for users
	× ×
SMS Recipients:	Type to search for users
	SMS requires users to have mobile
	phone numbers on AT&T or Vertzon.
Save Alert	Save and Create Cancel

Claim	US Patent 11,064,038	Description of the Infringement
	11,001,030	(Source: Page No. 9 of https://www.nextraq.com/wp-content/uploads/2018/04/NexTraq New User Quick Start Guide.pdf)
		Geofencing
		Powered by Google™ Maps, NexTraq's geofencing technology allows you to create a virtual boundary around jobsites, vendors, customer locations —even areas you don't want your vehicles to enter. When your vehicles enter or exit these geofenced areas, you'll receive an alert. How can geofencing help your business?
		 Arrival and departure times: Let's say you want to know when your employees are on a jobsite. By drawing a geofence around the site, you can set up alerts to easily monitor when your employees arrive or leave from that location. Not only that, you can monitor for unauthorized vehicle use during working hours. Payroll and time management: For payroll purposes and billing accuracy, geofences are a game changer. Automatic alerts can be used to notify you when your vehicles arrive and depart from a jobsite. This creates a virtual time card, logging the time spent on the job. This can prove to be beneficial for employees who are paid by the hour or service workers who have charge-out rates. Asset protection: Problems with unauthorized use of company vehicles puts more than your asset at risk. A vehicle used after-hours or without permission can result in liability issues, increased insurance premiums, damaged property, and increased downtime. Triggered alerts can be used to notify you when a vehicle or piece of equipment moves outside of a geofenced area. This not only provides additional security, it offers peace of mind that your vehicles are safe. Stolen equipment: When a piece of equipment or a vehicle is moved outside of your geofence, you can receive an alert to notify you right when this action occurs. These alerts will only notify you so while the thieves may think they are getting away with your equipment, you know
		their location and can alert the police, saving you a great deal of money. (Source: Page No. 1 of https://www.nextraq.com/services/geofencing-mapping/)
		The servers are configurable to track the mobile device's locations for determining occurrences of events that meet event conditions related to the locations of the mobile devices, such as arrivals and departures.
		Driving Events

Claim	US Patent	Description of the Infringement
	11,064,038	Description of the immigement
		Geofencing
		Powered by Google™ Maps, NexTraq's geofencing technology allows you to create a virtual boundary around jobsites, vendors, customer locations —even areas you don't want your vehicles to enter. When your vehicles enter or exit these geofenced areas, you'll receive an alert. How can geofencing help your business?
		 Arrival and departure times: Let's say you want to know when your employees are on a jobsite. By drawing a geofence around the site, you can set up alerts to easily monitor when your employees arrive or leave from that location. Not only that, you can monitor for unauthorized vehicle use during working hours. Payroll and time management: For payroll purposes and billing accuracy, geofences are a game changer. Automatic alerts can be used to notify you when your vehicles arrive and depart from a jobsite. This creates a virtual time card, logging the time spent on the job. This can prove to be beneficial for employees who are paid by the hour or service workers who have charge-out rates. Asset protection: Problems with unauthorized use of company vehicles puts more than your asset at risk. A vehicle used after-hours or without permission can result in liability issues, increased insurance premiums, damaged property, and increased downtime. Triggered alerts can be used to notify you when a vehicle or piece of equipment moves outside of a geofenced area. This not only provides additional security, it offers peace of mind that your vehicles are safe. Stolen equipment: When a piece of equipment or a vehicle is moved outside of your geofence, you can receive an alert to notify you right when this action occurs. These alerts will only notify you so while the thieves may think they are getting away with your equipment, you know their location and can alert the police, saving you a great deal of money.
		(Source: Page No. 1 of https://www.nextraq.com/services/geofencing-mapping/)
		You can activate 17 types of alerts: Arriving at a defined location Departing a defined location Entering a defined zone Exiting a defined zone (Source: Page No. 148 of http://www.alltrackusa.com/RTH_user_guide.pdf) The locations of the mobile devices are determined based on information received from wireless GPS location
		information sources (LISs).



	bile List	Remove F	ilters								
Ed	it <u>Name</u> 💠	Hardware ID \$	Map Color \$	Odometer \$	Type \$	Fuel Type \$	· VIN 💠	License \$	Driver	Assigned Fleets	
8	Bus BJ398X	5333277398	-		Wahoo2	Gasoline			Bannon, Jason		1
2	Stingray 911X	1000000911	_		VT- 2200-1	Gasoline			Glover, Terry		1
	Truck T1203G	5008781203		34,374 mi	Wahoo2	Gasoline	ABCDEFGHIJK	ABC123	Albertson, Brandon	Trucks	1
	Truck T1600G	16000000		21,911 mi	Wahoo2	Gasoline			Bell, Alice	Trucks, North Atlanta	1
8	Truck T3560G	5003703560			Wahoo2	Diesel	XXXXX	ZZZZ	Johnson, Alvin		2
8	Truck T6950X	9003576950	-	37,000 mi	Wahoo2	Gasoline			Green, Mary	Trucks, South Atlanta, Training Fleet 1	1
8	Truck T7830X	9110953180		36,701 mi	Wahoo2	Gasoline			Jeralds, Wilma	Trucks	1
(So	urce: Pag eet tracking rough web	applications. A	http://www based off of the box installed	nree basic sys inside a vehicl	tems: Glo e reads i	bal position ts GPS locat	ing satellite loo ion, direction c	f travel and	speed. The b	data transfer and r box then uses a co can be understoo	onnection

NOTE: If the location is one that is defined in NexTrag platform, the name of the location will appear in this column. - Latitude and longitude, if requested - Distance - Speed - Heading in compass point and degrees - Flags (The Flags Legend appears at the top of the report.) - Total miles per day - Total miles per mobile Detailed Activity Report for Sandatone Preight					ingemen	ription of the Infr	US Patent D	nim	Cla
NOTE: If the location is one that is defined in NexTrag platform, the name of the location will appear in this column. - Latitude and longitude, if requested - Distance - Speed - Heading in compass point and degrees - Flags (The Flags Legend appears at the top of the report.) - Total miles per day - Total miles per mobile - Detailed Activity Report for Sandstone Freight - Date: MOZ/2017 to MOZ/2017 - Manilis 500 - Report Legend COTE F. Flags Speeding Update - Standard Stan							11,064,038		
Latitude and longitude, if requested			:xTraq	Ne					
- Latitude and longitude, if requested - Distance - Speed - Heading in compass point and degrees - Flags (The Flags Legend appears at the top of the report.) - Total miles per day - Total miles per day - Total miles per day - Total miles per mobile Detailed Activity Report for Sandstone Freight			orm, the name of th						
Speed Heading in compass point and degrees Flags (The Flags Legend appears at the top of the report.) Total miles per day Total miles per mobile Detailed Activity Root for Sandstone Freight Unuse 04729971 To 04729971 Modes 999 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants The Modes 999 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants The Modes 1990 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants The Modes 1990 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants The Modes 1990 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants The Modes 1990 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants The Modes 1990 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants The Modes 1990 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants The Modes 1990 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants The Modes 1990 Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q GM M Monty by United Plants Flags Legend Q GFS P Plags Espeeding Q G					-	 Latitude and Id 			
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- Total miles per day - Total miles per mobile Detailed Activity Report for Sandstone Freight Desar May 2020 17 to 4020 1922 Mobile: 950 Thigh Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. OF P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. Of P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. Of P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. Of P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. Of P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. Of P. Prog. S. Spreading Q. Old M. Moning Laydon Thing Lagent G. Old M. Moni				egrees	npass point and				
Total miles per mobile Detailed Activity Report for Sandstone Freight Dates 64/27/0912 To 64/25/0912 Mobiles: 690 Flaga Legand C. CPR P Prog B Speeding O Cold Millowing tripoles Sun, Apr 22, 2912 Su			eport.)	s at the top of the	gs Legend app	 Flags (The Flags) 			
Detailed Activity Report for Sandstone Freight Denies 640279712 To 647276972 Mobiles 960 Flags Lapend G. GFS P. Play S. Speeding O. Cot M. Moning I sprilled Take Cot Port Societies Cot Societies					-	·			
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As subscribers of the services provided by the Accused Instrumentalities, the authorized users are empof NexTraq in different customer groups. These customer groups are identified in the on-premise date.			MPH Heading Flags	St Zip Miles	City				
As subscribers of the services provided by the Accused Instrumentalities, the authorized users are empof NexTraq in different customer groups. These customer groups are identified in the on-premise date.			73 E (91°) G-M-I	MO 64859 2.4	Reeds	12:01:28 AM CDT Adam King I-44e			
Floure 161: Sample Detailed Activity Report (Source: Page No. 111 of http://www.alltrackusa.com/RTH_user_guide.pdf) As subscribers of the services provided by the Accused Instrumentalities, the authorized users are emp of NexTraq in different customer groups. These customer groups are identified in the on-premise date.			74 E (92*) G-M-I	MO 64859 2.4	Reeds	12:03:28 AM CDT Adam King I-44e			
As subscribers of the services provided by the Accused Instrumentalities, the authorized users are emp of NexTraq in different customer groups. These customer groups are identified in the on-premise data			73 E (92*) G-M-I	MO 64862 2.4	Sarcoxie				
As subscribers of the services provided by the Accused Instrumentalities, the authorized users are emp of NexTraq in different customer groups. These customer groups are identified in the on-premise data			73 E (92*) GM-I	MO 64862 2.4	Sarcoxie				
As subscribers of the services provided by the Accused Instrumentalities, the authorized users are emp of NexTraq in different customer groups. These customer groups are identified in the on-premise data			/DTII	11,1			(6		
of NexTraq in different customer groups. These customer groups are identified in the on-premise date		<u>iser_guide.pdf</u>)	a.com/RIH_	<u>w.alltrackus</u>	f <u>http://w</u>	ce: Page No. 111 o	(3		
of NexTraq in different customer groups. These customer groups are identified in the on-premise date									
of NexTraq in different customer groups. These customer groups are identified in the on-premise date									
of NexTraq in different customer groups. These customer groups are identified in the on-premise date									
of NexTraq in different customer groups. These customer groups are identified in the on-premise date			17	: 1 - 11 41	•	1			
	remise data warehouse or the	er groups are ide	nese custom	r groups. T	t custom	xTraq in differen	of		
11.12 database (22) of corresponding group 12.6 (312.5), such as customer nume.									
), caen as caston	F 125 (CIB		, 3011 3 5p	DB) 0			
		11 C ID	. 1	C					
Groups identified by Group IDs (GIDs)		d by Group IDs	ups identifi	Gro					

Claim	US Patent 11,064,038	Description of the Infringement
	11,004,036	Account & User Information At the top of each screen your company name, NexTraq account number, and current user will appear. In addition, date and time of the last login, the current revision number of the NexTraq platform application, and the user/driver link (if applicable) will be displayed. DW - Demo Transport & Package [800186], Mary Green [magreen] Logged in: Wednesday, April 18, 2012 4:46:44 PM EDT Current Revision: 15653 Figure 7: Account and User Information
		Account & Contact Information Account ID: 800186 Company Name: DW - Demo Transport & Package Distributor (CA) Ellis Fleetworks Distributor Phone: 678-762-6800 Distributor Fmail: wellis@efleetworks com (Source: Page No. 199 of http://www.alltrackusa.com/RTH_user_guide.pdf) The driving event notifications (i.e., alerts) are conveyed to authorized users of the tracking service. Authorized users identified by user IDs

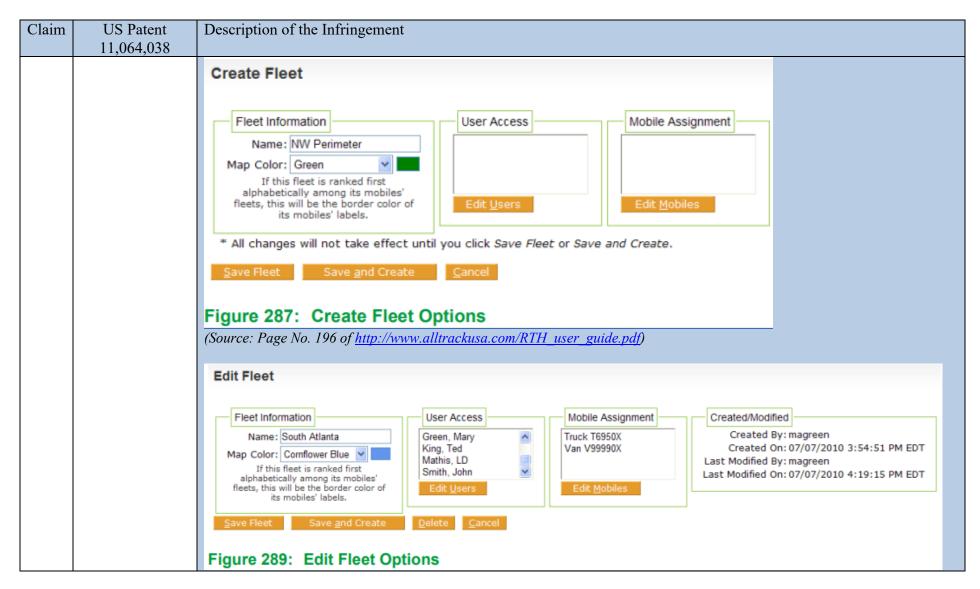
Claim	US Patent	Description of the Infringement
	11,064,038	
		Users must be defined in order to have access to the NexTraq platform. Account Administrators will be able to add and update Users from the Admin tab. The User List contains all the users associated with the current account. (Source: Page No. 207 of http://www.alltrackusa.com/RTH user guide.pdf) New User
		First Name: Joe Last Name: Jones Email: joe.jones@demotransport.com Username: joejones Password: Confirm Password: Force Reset Password on Next Login Time Zone: Eastern & Indiana (GMT-5:00) Time Zone Uses Daylight Savings Linked Driver: (Not Linked) First Name: Joe Dispatch Tab Dispatch Tab Netrics Reports Tab Alerts Tab Maintenance Tab Messaging Tab Admin Tab / Locations Admin Tab / Sones Admin Tab / Privers Admin Tab / Drivers Admin Tab / Pieets Admin Tab / Fleets Admin Tab / Account Account Administrator
		Mobile Access Permissions V User Can View the "All" Fleet V User Can View Unassigned Mobiles * You must have these permissions granted to you in order to grant them to others. Save Save and Create Cancel Figure 308: New User Information (Source: Page No. 209 of http://www.alltrackusa.com/RTH_user_guide.pdf)

Claim	US Patent	Description of the Infringement
	11,064,038	
		12. In the Tab Permissions box, all checkboxes are checked by default except the Dispatch Tab and Metrics box. Check the Dispatch Tab box if the user will have the NexTraq Dispatch solution. Check the Metrics box if the user will have permission to run the Metrics Dashboard. Uncheck the other boxes according to the user's permissions.
		13. If the user you are creating should have access to all tabs and the ability to create other users, check the box for Account Administrator.
		(Source: Page No. 209 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		Authorized user accounts

Claim	US Patent	Description of the Infringement
	11,064,038	
		New User User Information

Claim	US Patent 11,064,038	Description of the Infringement
		Logging Into NexTraq Fleet Tracking Platform
		NexTraq*
		Username:
		Password: Remember me for two weeks
		Forgot Password?
		Log In
		Figure 2: Login Options
		(Source: Page No. 14 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		To access the NexTraq Fleet Tracking platform, use the login address: http://go.nextraq.com/login.html
		To log into the application:
		Type your user name in the Username text box.
		2. Type your password in the Password text box.
		NOTE: If you do not have a username and/or password, please contact NexTraq Customer Support for assistance.
		(Source: Page No. 14 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		Group of vehicles
		Fleets
		The Fleets option allows you to group mobile units by criteria that may be helpful to your organization. For example, fleets may be grouped by territory, purpose, vehicle model, or fuel type.

Claim	US Patent 11,064,038	Description of the Infringement
		(Source: Page No. 196 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		Creating a fleet
		To create a fleet:
		1. Choose Fleets from the Admin tab.
		Fleet List
		Create Fleet Filter Fleets Remove Filters
		Edit Delete Name # Mobiles Map Color # North Atlanta 3 South Atlanta 2 Training Fleet 1 3 Trucks 4 Vans 4 CSV Excel XML PDF 5/5 fleets found.
		Figure 286: Fleet List Options (Source: Page No. 196 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		(Source: Fage No. 190 of <u>nup://www.attrackusa.com/k1ri_user_gutae.paj</u>)



Claim	US Patent	Description of the Infringement
	11,064,038	
		(Source: Page No. 197 of http://www.alltrackusa.com/RTH_user_guide.pdf)
1-a	using one or	See 1-p for the tracking service, vehicles, mobile devices, driving event notifications, mobile device locations, tracking
		application software, tracking service provider, one or more servers, driving event condition, database, authorized users,
	computing	plurality of companies, authorized user accounts, group of vehicles and wireless location information sources (LISs).
	devices in a first	
	network of	NexTraq (or an administrator employed by NexTraq) administers NexTraq's network of computing devices, which is a
	computing	first network of computing devices administered under NexTraq's first level of administrative privilege.
	devices of the	
	tracking service	As provider of the above services, NexTraq defines the customer groups. These customer groups are identified in the on-
	provider to	premise data warehouse or the AWS database (DB) by corresponding group IDs (GIDs), such as customer name.
	configure the	
	tracking	Groups identified by Group IDs (GIDs)
	application software by	
		Account & User Information
	identifying a plurality of	At the top of each screen your company name, NexTraq account number, and current user will
	plurality of groups in the DB	appear. In addition, date and time of the last login, the current revision number of the NexTraq
	using group	platform application, and the user/driver link (if applicable) will be displayed.
	identification	DW - Demo Transport & Package [800186], Mary Green [magreen]
	codes (GIDs)	NexTraq" Logged in: Wednesday, April 18, 2012 4:46:44 PM EDT Current Revision: 15653
	stored in the DB,	Current Revision: 15053
	a GID	Figure 7: Account and User Information
	identifying a	(Source: Page No. 18 of http://www.alltrackusa.com/RTH_user_guide.pdf)
	company which	(Same Pay)
	tracks a group of	
	vehicles	
	including a first	
	vehicle that	
	carries a first	

Claim	US Patent	Description of the Infringement
	11,064,038	
1-a (cont.)	mobile device and a second vehicle that carries a second mobile device, wherein the GID is associated in the DB with a plurality of user identification codes that	Account Information Account ID: 800186 Company Name: DW - Demo Transport & Package Distributor (QA) Ellis Fleetworks Company Name: 678-762-6800 Distributor Phone: 678-762-6800 Distributor Email: wellis@efleetworks.com (Source: Page No. 199 of http://www.alltrackusa.com/RTH_user_guide.pdf)
	identify authorized users of the company, and wherein the tracking	The vehicles are associated with mobile tracking devices/mobile devices identified by Hardware Ids. Each vehicle carries a mobile device i.e., the first vehicle carries a first mobile device, and a second vehicle carries a second mobile device. In NexTrag, tracking devices are referred to as mobiles. Upon first login, mobiles will be named by their hardware ID number, making
	application	it difficult to differentiate which device was installed in each vehicle.
	software is further configured to control access to the authorized user accounts of authorized users of the tracking service in the plurality of groups, said authorized users	(Source: Page No. 2 of https://www.nextraq.com/wp-content/uploads/2018/04/NexTraq New User Quick Start Guide.pdf)

Claim	US Patent	Des	cription	of the Infi	ringemen	t						
	11,064,038 including 1) a group		bile List	Remove F	ilters							
	administrator of											
	the company		it <u>Name</u> 💠	Hardware ID \$		Odometer \$			VIN \$	License \$	Driver Bannon,	Assigned Fleets
	having a group	8	BJ398X	5333277398	-			Gasoline			Jason	
	administrator	8	Stingray 911X	1000000911			VT- 2200-1	Gasoline			Glover, Terry	
l-a	identification	2	Truck T1203G	5008781203		34,374 mi	Wahoo2	Gasoline	ABCDEFGHIJK	ABC123	Albertson, Brandon	Trucks
(cont.	code used to access a group	8	Truck T1600G	16000000	-	21,911 mi	Wahoo2	Gasoline			Bell, Alice	Trucks, North Atlanta
,	administrator	2	Truck T3560G	5003703560			Wahoo2	Diesel	XXXXX	ZZZZ	Johnson, Alvin	
	account and 2) a first authorized	8	Truck T6950X	9003576950	_	37,000 mi	Wahoo2	Gasoline			Green, Mary	Trucks, South Atlanta, Training Fleet 1
	user of the	2	Truck T7830X	9110953180	_	36,701 mi	Wahoo2	Gasoline			Jeralds, Wilma	Trucks
	company having a first authorized user identification code used to access a first authorized user account;	Fig (Sou	jure 26 urce: Pa	6: Mobile ge No. 182 c List includes	the follow lobile name ardware I lap color and dometer I ype of mo- uel type u IN number icense nu ame of th	www.alltrace ving inform ne D associated reading bile device sed in the r of the ve mber of the	with the mobile hicle	om/RTH on each n nis mobile e unit	nobile unit	: pels	Wilma	ITUCES

Claim	US Patent	Description of the Infringement
	11,064,038	
		The authorized users are identified by user identification codes i.e., a username and a password.
		Authorized users identified by user IDs
		Users
		Users must be defined in order to have access to the NexTraq platform. Account Administrators
		will be able to add and update Users from the Admin tab. The User List contains all the users associated with the current account.
		(Source: Page No. 207 of http://www.alltrackusa.com/RTH_user_guide.pdf)

Claim US Patent Description of the Infringement	
11,064,038	
New User User Information	

Claim	US Patent 11,064,038	Description of the Infringement				
		12. In the Tab Permissions box, all checkboxes are checked by default except the Dispatch Tab and Metrics box. Check the Dispatch Tab box if the user will have the NexTraq Dispatch solution. Check the Metrics box if the user will have permission to run the Metrics Dashboard. Uncheck the other boxes according to the user's permissions.				
		13. If the user you are creating should have access to all tabs and the ability to create other users, check the box for Account Administrator. (Source: Page No. 209 of http://www.alltrackusa.com/RTH_user_guide.pdf)				
		NexTraq controls access the authorized user accounts of authorized users of the tracking service in the plurality of customer groups.				
	Authorized user accounts					

Claim US Patent Description of the Infringement	
11,064,038	
New User User Information	

Claim	US Patent 11,064,038	Description of the Infringement	
		Logging Into NexTraq Fleet Tracking Platform	
		Username: Password: Remember me for two weeks Forgot Password?	
		Figure 2: Login Options	
		(Source: Page No. 14 of http://www.alltrackusa.com/RTH_user_guide.pdf)	
		To access the NexTraq Fleet Tracking platform, use the login address: http://go.nextraq.com/login.html	
		To log into the application:	
		Type your user name in the Username text box.	
		2. Type your password in the Password text box.	
		NOTE: If you do not have a username and/or password, please contact NexTraq Customer Support for assistance.	
		(Source: Page No. 14 of http://www.alltrackusa.com/RTH user guide.pdf)	
		The customer group defined by NexTraq has a group administrator identified group administrator account. NexTraq controls access to the group administrate each customer.	
		Administrator Account	

Claim	US Patent 11,064,038	Description of the Infringement	
		If you are designated as Account Administrator, you will see an additional option on the menu for creating custom mobile fields, Manage Mobile Fields. (Source: Page No. 168 of http://www.alltrackusa.com/RTH user guide.pdf)	
		As used in this Agreement, the terms "you" and "your" refer to the customer indicated on the Order Form; "we," "us," "our" "NexTraq" and similar terms refer to NEXTRAQ, LLC, a Delaware limited liability company, and its Affiliates; "Affiliates" means any existing or future legal entity which, directly or indirectly, through one or more intermediaries, controls, is controlled by, or is under common control with NexTraq with the notion of control consisting of the power to direct the management and policies of the legal entity whether through the ownership of a fraction of the share (Source: Page No. 1 of https://www.nextrag.com/terms-and-conditions/)	
		3.3 We will assign you, and you will be responsible for controlling, username(s) and password(s) which permit you, your employees and independent contractors, access to the Platform and, if we have accepted an Order Form for online Services, access to and interaction with those Services and related APIs. You are responsible for ensuring that usernames and passwords are not shared or used by more than one individual. (Source: https://www.nextrag.com/terms-and-conditions/)	
To create or edit a custom map layer: 1. Log in as an Account Administrator. 2. Choose Account from the Admin tab. (Source: Page No. 203 of http://www.alltrackusa.com/RTH user guide.pdf)		 Log in as an Account Administrator. Choose Account from the Admin tab. 	

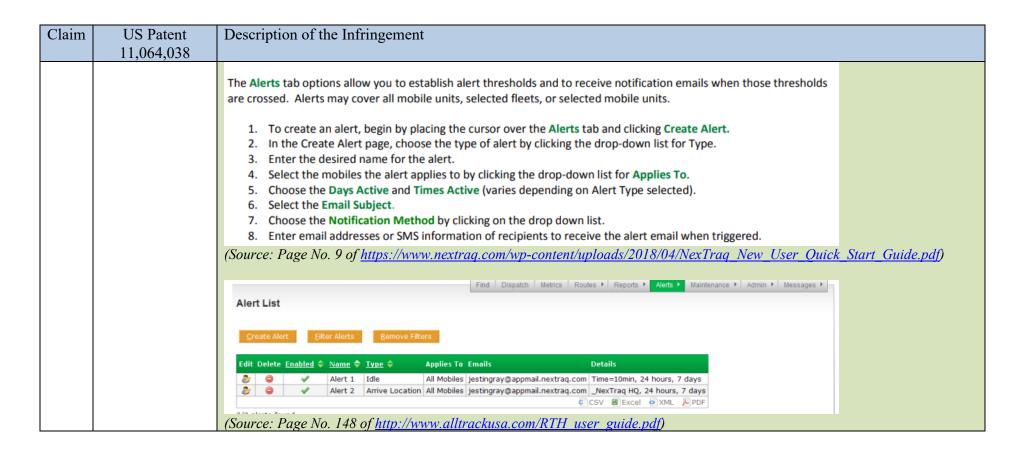
Claim	US Patent	Description of the Infringement
	11,064,038	Logging Into NexTraq Fleet Tracking Platform
		NexTraq* Username:
		Password: Remember me for two weeks Forgot Password?
		Log In
		Figure 2: Login Options (Source: Page No. 14 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		To log into the application:
		Type your user name in the Username text box.
		Type your password in the Password text box.
		NOTE: If you do not have a username and/or password, please contact NexTraq Customer Support for assistance.
		For your username and password to be automatically remembered by the application, check the Remember me for two weeks checkbox. When you access the application during the next 14 days, your username and password will be recalled automatically, and you will log directly into
		the Find screen of the NexTraq Fleet Tracking platform.
		(Source: Page No. 14 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		A first authorized user is identified by a first user ID to access a first user account.

Claim	US Patent	Description of the Infringement
	11,064,038	
	11,064,038	New User User Information

Claim	US Patent 11,064,038	Description of the Infringement
		Logging Into NexTraq Fleet Tracking Platform
		NexTraq
		Username: Password:
		Remember me for two weeks
		Forgot Password?
		Log In
		Figure 2: Login Options
		(Source: Page No. 14 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		To access the NexTraq Fleet Tracking platform, use the login address:
		http://go.nextraq.com/login.html
		To log into the application:
		1. Type your user name in the Username text box.
		2. Type your password in the Password text box.
		NOTE: If you do not have a username and/or password, please contact NexTraq Customer Support for assistance.
		(Source: Page No. 14 of http://www.alltrackusa.com/RTH_user_guide.pdf)
1-b	receiving an	See 1-p for the tracking service, vehicles, mobile devices, driving event notifications, mobile device locations, tracking
	access request to	application software, tracking service provider, one or more servers, driving event condition, database, authorized users,
	the group	plurality of companies, authorized user accounts, group of vehicles and wireless location information sources (LISs).
	administrator	
	account from a	See 1-a for the first computing device, first network of computing devices, plurality of groups, group identification codes
	second	(GIDs), first vehicle, first mobile device, second vehicle, second mobile device, user identification codes, group
	computing	administrator, group administrator identification code, group administrator account, first authorized user, first authorized
	device in a	user account and first authorized user identification code.

Claim	US Patent 11,064,038	Description of the Infringement
	second network of computing devices different from the first network of	
	computing devices of the tracking service;	GPS Signal Wireless Networks Internet
		Supervisors/Managers FLEET Dispatch () NexTraq Platform FLEET Mobile () Figure 1: NexTraq Fleet Tracking Platform Overview
		(Source: Page No. 9 of http://www.alltrackusa.com/RTH_user_guide.pdf)

Claim	US Patent 11,064,038	Description of the Infringement	
	11,004,050	NexTraq Fleet Tracking Platform	
		This chapter introduces the NexTraq Fleet Tracking platform with an overview of its function and requirements. GPS vehicle tracking has developed into an essential tool for managing fleets. The NexTraq Fleet Tracking platform is a cloud-based solution which provides an efficient and cost-effective method to track your vehicle or fleet using a standard Internet connection.	
		Once the NexTraq hardware, known as a mobile unit, is installed in a vehicle, it receives and sends data wirelessly. Data includes vehicle location and operational status, such as speed or time stopped. The NexTraq Fleet Tracking platform collects data from the mobile units which you can monitor and report on through the NexTraq web application and an Internet connection. The figure below illustrates the flow of data from locating the vehicle to the map information in the NexTraq Fleet Tracking platform on your computer screen.	
		(Source: Page No. 9 of http://www.alltrackusa.com/RTH_user_guide.pdf)	
1-c	granting access to the group	See 1-p for the tracking service, vehicles, mobile devices, driving even application software, tracking service provider, one or more servers, dr	
	to the group administrator	plurality of companies, authorized user accounts, group of vehicles and	
	account before	printing of companies, authorized user accounts, group of vemoles and	whereas recurion information sources (Eless).
		See 1-a for the first computing device, first network of computing device	ces, plurality of groups, group identification codes
	the DB, the first	(GIDs), first vehicle, first mobile device, second vehicle, second in	mobile device, user identification codes, group
	authorized user	76 1	ator account, first authorized user, first authorized
	identification	user account and first authorized user identification code.	
	code of the first		
	authorized user	See 1-b for the second computing device, second network of computing	g devices.
	with an access	A.C	1.4.4.1.40
	code in the DB that identifies	After granting access to the group administrator account, the group administrator account a	*
	that identifies recipients of the	one or more recipients of driving event notifications/alerts after the gro	oup event occurs.
	driving event	Access Codes	
	notifications,	Access codes	



Claim	US Patent 11,064,038	Description of the Infringement
	11,001,000	Create Alert
		General Type: Arrive Location ✓ This alert notifies you when the selected mobiles stop within a user defined location. Name: Alert 2 Enabled ✓
		Options Applies To: <all mobiles=""></all>
		Schedule Select Location
		Days Active: 7 days/week
		Notification Email Subject: Alert Name - Mobile Name Notification Method: E-Mail (PlainText)
		Email Recipients: Type to search for users
		SMS Recipients: Type to search for users
		SMS requires users to have mobile phone numbers on AT&T or Vertzon.
		Save Alert Save and Create Cancel

Claim	US Patent	Description of the Infringement
	11,064,038	(Source: Page No. 9 of https://www.nextraq.com/wp-content/uploads/2018/04/NexTraq New User Quick Start Guide.pdf)
		(Source: Tage 110. 2 of https://www.nextrag.com/np content aprodus/2010/07/11extrag 11ew Oser Quick Start Quick-Start Quick-St
		Create Alert
		OTOMO AIGIT
		Alert Information
		Name: Alert 3 ✓ Enabled
		Type: First Movement
		Applies To: All Mobiles
		Days Active: Weekdays ▼ □ Su ☑ Mo ☑ Tu ☑ We ☑ Th ☑ Fr □ Sa
		Times Active: Between ▼ 7:00am ▼ and 6:00pm
		Times will be interpreted according to your 'Display track times in' user preference.
		Email Subject: Alert Type - Alert Name - Driver Name
		jestingray@appmail.nextraq.com Emails:
		Please separate emails with commas.
		Save Alert Save and Create Cancel
		Figure 213: Create Alert Options
		(Source: Page No. 149 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		(Source. 1 age 1vo. 149 of map.//www.autrackasa.com/K111_user_gatae.paf)
		The access codes identify one or more users who are privileged to be recipients of a notification information, i.e., alert,
		when the group event such as arrival or departure occurs.
1-d	granting access	See 1-p for the tracking service, vehicles, mobile devices, driving event notifications, mobile device locations, tracking
	to the first	application software, tracking service provider, one or more servers, driving event condition, database, authorized users,
	authorized user account based on	plurality of companies, authorized user accounts, group of vehicles and wireless location information sources (LISs).
	the first	

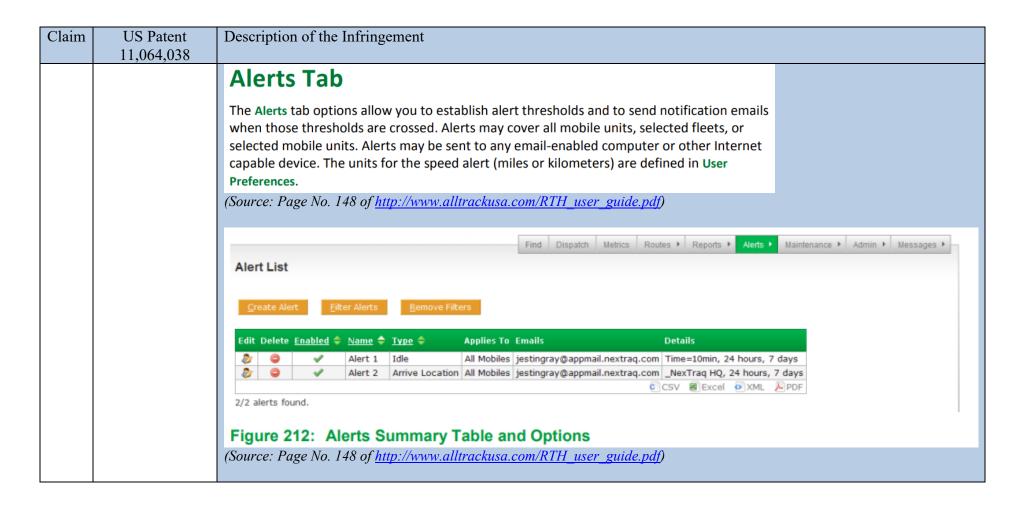
Claim	US Patent 11,064,038	Description of the Infringement	
	authorized user	See 1-a for the first computing device, first network of computing devices, plurality of groups, group identification codes	
	identification (GIDs), first vehicle, first mobile device, second vehicle, second mobile device, user identification		
	code before	administrator, group administrator identification code, group administrator account, first authorized user, first	
	conveying the	user account and first authorized user identification code.	
	driving event		
	notifications to	See 1-b for the second computing device, second network of computing devices.	
	the first		
	authorized user;	See 1-c for access codes, recipients.	
1-e	receiving 1) a	See 1-p for the tracking service, vehicles, mobile devices, driving event notifications, mobile device locations, tracking	
	first event	application software, tracking service provider, one or more servers, driving event condition, database, authorized users,	
	condition for	plurality of companies, authorized user accounts, group of vehicles and wireless location information sources (LISs).	
	occurrence of a		
	first driving	See 1-a for the first computing device, first network of computing devices, plurality of groups, group identification codes	
	event that is met	(GIDs), first vehicle, first mobile device, second vehicle, second mobile device, user identification codes, group	
	based on	administrator, group administrator identification code, group administrator account, first authorized user, first authorized	
	locations of the	user account and first authorized user identification code.	
	first mobile		
	device or	See 1-b for the second computing device, second network of computing devices.	
	locations of the		
	second mobile	See 1-c for access codes, recipients.	
	device relative to		
	a zone or	The Accused Instrumentalities receive first event condition related to the locations of the mobile devices, such as arrivals	
	boundary and 2)	and departures for occurrence of a first driving event that is met based on locations of the first mobile device or locations	
	a second event	of the second mobile device relative to a zone or boundary.	
	condition for	E'est Esset Con Pt's	
	occurrence of a	First Event Condition	
	second driving		
	event that is met		
	based on sensor		

Claim	US Patent	Description of the Infringement	
	11,064,038		
	information	Geofencing	
	received from sensors that measure	Powered by Google™ Maps, NexTraq's geofencing technology allows you to create a virtual boundary around jobsites, vendors, customer locations—even areas you don't want your vehicles to enter. When your vehicles enter or exit these geofenced areas, you'll receive an alert. How can geofencing help your business?	
	characteristics of a physical environment detected at the	 Arrival and departure times; Let's say you want to know when your employees are on a jobsite. By drawing a geofence around the site, you can set up alerts to easily monitor when your employees arrive or leave from that location. Not only that, you can monitor for unauthorized vehicle use during working hours. 	
	first mobile	notify you when your vehicles arrive and depart from a jobsite. This creates a virtual time card, logging the time spent on the job. This can	
	device or the	prove to be beneficial for employees who are paid by the hour or service workers who have charge-out rates.	
	second mobile device;	 Asset protection: Problems with unauthorized use of company vehicles puts more than your asset at risk. A vehicle used after-hours or without permission can result in liability issues, increased insurance premiums, damaged property, and increased downtime. Triggered alerts can be used to notify you when a vehicle or piece of equipment moves outside of a geofenced area. This not only provides additional security, it offers peace of mind that your vehicles are safe. Stolen equipment: When a piece of equipment or a vehicle is moved outside of your geofence, you can receive an alert to notify you right when this action occurs. These alerts will only notify you so while the thieves may think they are getting away with your equipment, you know their location and can alert the police, saving you a great deal of money. 	
		(Source: Page No. 1 of https://www.nextraq.com/services/geofencing-mapping/)	
		You can activate 17 types of alerts: Arriving at a defined location Departing a defined location Entering a defined zone Exiting a defined zone (Source: Page No. 148 of http://www.alltrackusa.com/RTH_user_guide.pdf)	
		Zone/Landmark/Geofence/Boundary	

Claim	US Patent 11,064,038	Description of the Infringement	
		To create a zone: 1. Choose Create Zone from the Admin Zones submenu or, from the Zone List screen, click Create Zone. 2. The Create Zone screen displays with your default location centered in the map and noted by a green shape with a centered red marker ♥. NOTE: Upon opening, the map centers on your account address. Figure 260: Initial Zone Position and New Zone Defined (Source: Page No. 177 of http://www.alltrackusa.com/RTH_user_guide.pdf)	
		Locate zone that has been defined using the Admin tab Locate a specific address Find a location using its latitude and longitude coordinates Create saved locations from the site of mobile(s), addresses found, or latitude and longitude coordinates (Source: Page No. 29 of http://www.alltrackusa.com/RTH_user_guide.pdf)	

Claim	US Patent 11,064,038	Description of the Infringement
		The Accused Instrumentalities receive second event condition based on sensor information, such as speed violation for occurrence of a second driving event that is met based on sensor information received from sensors that measure characteristics of a physical environment detected at the first mobile device or the second mobile device.
		Second Event Condition
		 Speed Alerts - provides information on the combined average of Speed Alerts and Posted Speed Alerts events of your Fleet or Mobile.
		If any user has defined either Speed Alerts or Posted Speed Alerts on the NexTraq Alerts tab, and, if there were alert messages generated during the selected Time Frame, the average number of these incidents per day will appear in the Speed Alerts section of Fleet Metrics.
		(Source: Page No. 90 of http://www.alltrackusa.com/RTH_user_guide.pdf)
		Are your drivers following your rules of the road? With Posted Speed Alert, you can receive notifications on your smartphone, tablet, or laptop if your drivers exceed the posted speed limit.
		Are your drivers running the engine and wasting fuel? If excessive idling is a challenge, you can use Idle Alert to monitor and reduce events where your team is leaving the engine running when parked. This will optimize your fleet's time on the job, prevent unnecessary wear and tear on your vehicles, and control your fuel spend.
		How about school zones? Are drivers slowing down or are they speeding where they're putting children at risk – irritating parents who see your logo on the truck and increasing the likelihood of an expensive speeding ticket? Protect the reputation of your business with the NexTraq® Driver Safety Solution.
		Don't get caught unaware. Use real-time alerts to start correcting aggressive and dangerous driving behaviors. With NexTraq, you'll get notified when drivers or vehicles aren't performing as they're supposed to. That gives you the data and insights you need to make positive changes in your fleet operations.
		 Know when important events are happening with your vehicles Receive instant notifications sent to your laptop, tablet, and smartphone Choose the real-time alert type, vehicles to cover, and frequency of notifications
		(Source: Page No. 1 of https://www.nextraq.com/services/real-time-alerts/)

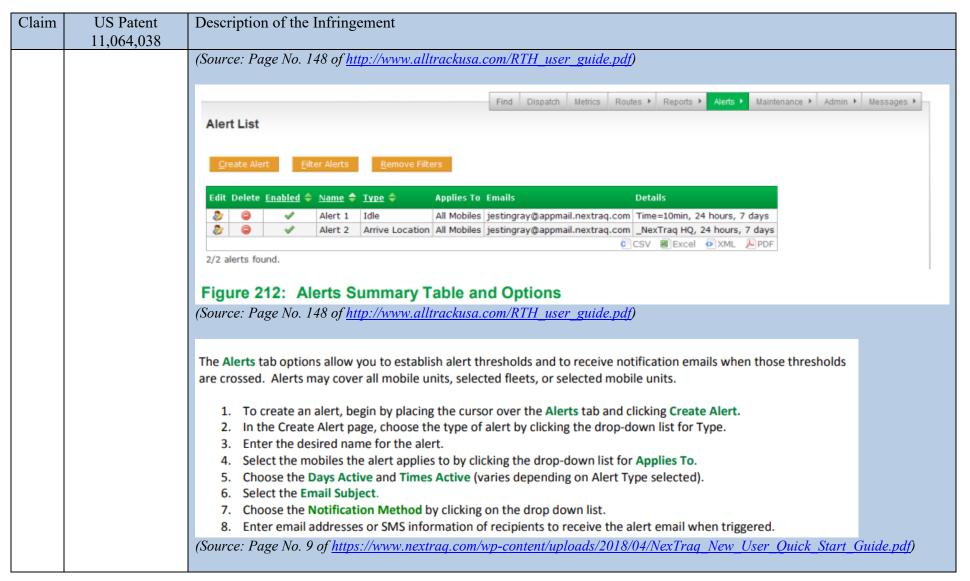
Claim	US Patent 11,064,038	Description of the Infringement
		Sensor information
		Alerts Tab
		Configure the system to automatically send email messages when selected events occur with an array of Alert options. Alert options include entering/exiting geofences, motion during a given a time frame, sensor activity, excess stop and idle time, and speeds including posted speed limits.
		(Source: Page No. 18 of http://www.alltrackusa.com/RTH_user_guide.pdf)
1-f	conveying a first driving event notification after the first event condition is met based on the zone or boundary and determined locations of the first mobile device or the second mobile	See 1-p for the tracking service, vehicles, mobile devices, driving event notifications, mobile device locations, tracking application software, tracking service provider, one or more servers, driving event condition, database, authorized users, plurality of companies, authorized user accounts, group of vehicles and wireless location information sources (LISs). See 1-a for the first computing device, first network of computing devices, plurality of groups, group identification codes (GIDs), first vehicle, first mobile device, second vehicle, second mobile device, user identification codes, group administrator, group administrator identification code, group administrator account, first authorized user, first authorized user account and first authorized user identification code. See 1-b for the second computing device, second network of computing devices. See 1-c for access codes, recipients.
	device; and	See 1-e for the first event condition, zone/boundary, a second event condition, sensor information. The tracking service provided by the Accused Instrumentalities is used for controlling conveyance of first driving event
		notifications, i.e., alerts related to arrival and departure. First Driving Event Notification/Alert



Claim	US Patent	Description of the Infringement	
	11,064,038		
		The Alerts tab options allow you to establish alert thresholds and to receive notification emails when those thresholds are crossed. Alerts may cover all mobile units, selected fleets, or selected mobile units.	
		To create an alert, begin by placing the cursor over the Alerts tab and clicking Create Alert.	
		In the Create Alert page, choose the type of alert by clicking the drop-down list for Type.	
		3. Enter the desired name for the alert.	
		Select the mobiles the alert applies to by clicking the drop-down list for Applies To.	
		Choose the Days Active and Times Active (varies depending on Alert Type selected).	
		6. Select the Email Subject.	
		7. Choose the Notification Method by clicking on the drop down list.	
		8. Enter email addresses or SMS information of recipients to receive the alert email when triggered.	
		(Source: Page No. 9 of https://www.nextraq.com/wp-content/uploads/2018/04/NexTraq New User Quick Start Guide.pdf)	

Create Alert
General
Type: Arrive Location This alert notifies you when the selected mobiles stop within a user defined location.
Name: Alert 2
Enabled ✓
Options
Applies To: <all mobiles=""></all>
Applies 10. This measure
Location: Select Location
Schedule
Days Active: 7 days/week ✓ 🗸 Su 📝 Mo 📝 Tu 📝 We 📝 Th 📝 Fr 📝 Sa
Times Active: 24 hr/day
Times will be interpreted according to your 'Display track times in' user preference.
Notification
Email Subject: Alert Name - Mobile Name
Notification Method: E-Mail (PlainText)
Email Recipients: Type to search for users
<u> </u>
SMS Recipients: Type to search for users
SMS requires users to have mobile phone numbers on AT&T or Verizon.
<u> </u>
Save Alert Save and Create Cancel

Claim	US Patent	Description of the Infringement
	11,064,038	
		(Source: Page No. 9 of https://www.nextraq.com/wp-content/uploads/2018/04/NexTraq_New_User_Quick_Start_Guide.pdf)
1-g	conveying a second driving event notification after the second event condition is met, wherein the first event driving notification or the second driving event notification is conveyed only to recipients identified by the access code.	See 1-p for the tracking service, vehicles, mobile devices, driving event notifications, mobile device locations, tracking application software, tracking service provider, one or more servers, driving event condition, database, authorized users, plurality of companies, authorized user accounts, group of vehicles and wireless location information sources (LISs).
		event notifications, i.e., alerts related to speed violations.
		Second Driving Event Notification/Alert
		Alerts Tab
		The Alerts tab options allow you to establish alert thresholds and to send notification emails when those thresholds are crossed. Alerts may cover all mobile units, selected fleets, or selected mobile units. Alerts may be sent to any email-enabled computer or other Internet capable device. The units for the speed alert (miles or kilometers) are defined in User Preferences.



Claim	US Patent	Description of the Infringement	
	11,064,038		
		Create Alert	
		Alert Information Name: Alert 3 Enabled	
		Type: First Movement	
		Applies To: All Mobiles	
		Days Active: Weekdays ✓ □Su ☑Mo ☑Tu ☑We ☑Th ☑Fr □Sa	
		Times Active: Between 7:00am and 6:00pm Times will be interpreted according to your 'Display track times in' user preference.	
		Email Subject: Alert Type - Alert Name - Driver Name	
		jestingray@appmail.nextraq.com Emails:	
		Please separate emails with commas.	
		Save Alert Save and Create Cancel	
		Figure 213: Create Alert Options	
		(Source: Page No. 149 of http://www.alltrackusa.com/RTH_user_guide.pdf)	

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